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Atty Docket No. 080398.P282

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Examiner: Fleurantin, Jean B.
Alexander Franz et al.)
Serial No. 09/420,509) Art Unit: 2172
Filed: October 18, 1999)
For: SYSTEM AND METHOD TO)
MATCH LINGUISTIC)
STRUCTURES USING)
THESAURUS INFORMATION)

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Technology Center 2100

Assistant Commissioner for Patents
Washington, D.C. 20231

AMENDMENT AND RESPONSE TO OFFICE ACTION

In the Claims

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1. (Currently Amended) A method for evaluating similarity among a plurality of data structures comprising:
analyzing each structure of said plurality of data structures to generate at least one substructure;
matching said at least one substructure to a database having a plurality of entries to obtain at least one matching entry, said database encoding relationships between semantic concepts represented by said plurality of entries; and
generating a match value using a relative entropy value corresponding to said at least one matching entry, said relative entropy value being calculated relative to an entropy value of a root entry of said plurality of entries.